

Last Drop Filter

The flat filter element sits parallel to the bottom of the mobile phase reservoir, allowing the filter to draw 98% of the mobile phase without drawing air into the system. Conventional cylindrical mobile phase filters begin to draw air into the system when approximately 10% of the solvent remains in the reservoir. The Last Drop filter allows more analyses per batch of mobile phase and helps reduce hazardous waste. 22.1 mm OD.



25314

Description	qty.	cat.#
Last Drop Filter, 2 µm	ea.	25314
Last Drop Filter, 10 µm	ea.	25315



25008

Low-Pressure Slip-On Inlet Filter for Mobile Phase Reservoir

A 316 stainless steel tip with a Tefzel® collar seals to a corrosion-resistant 316 stainless steel filter element. The slip-on filter easily attaches to the pump inlet line, without the use of wrenches. The universal 1/8" OD tip accommodates standard PTFE tubing inner diameters. The cylindrical filter is standard 10 µm porosity. Fits Altex, ISCO, LDC, Varian, Waters, PerkinElmer, and other pumps.

Description	qty.	cat.#
Slip-On Inlet Filter	ea.	25008

Mobile Phase Spurge Filters

The spurge filter is an inexpensive way to prepare and maintain mobile phases free of dissolved gas. Filters are made from 316 stainless steel and PEEK, and they are compatible with most solvents. Connects to standard 1/8" OD (3.2 mm) PTFE tubing.



25311

Description	qty.	cat.#
Mobile Phase Spurge Filter, 2 µm	ea.	25311
Mobile Phase Spurge Filter, 10 µm	ea.	25312
Mobile Phase Spurge Filter, 20 µm	ea.	25313

UHP Pulse Dampener

The UHP pulse dampener provides minimal flow pulsation at system pressures up to 18,000 psi. Its low dead volume (220 µL at atmospheric pressure) reduces overall system volume for UHP applications. The UHP pulse dampener has a stainless steel fluid path.

UHPLC compatible



26549

Specifications:	
Operating Pressure:	0–18,000 psi
Pulsation Dampening:	3:1 reduction in pulsation (dependent on pump characteristics and system volume and pressure)
Fluid Path Volume:	220 µL (atmospheric pressure) +44 µL (per 1,000 psi system pressure)
Wetted Materials:	316 SS; PTFE
Dimensions:	2.5" diameter x 2.0" high

Description	qty.	cat.#
UHP Pulse Dampener	ea.	26549

MiniPulse Pulse Dampener

- Compact unit (2.5" x 1.5") can be placed almost anywhere.
- Small, 160 µL dead volume at atmospheric pressure.
- PEEK unit can withstand pressures to 5,000 psi (34,474 kPa).
- 316 stainless steel unit can withstand pressures to 6,000 psi (41,369 kPa).



25238

Improve system baseline stability while increasing the total system volume by only 160 µL. The MiniPulse pulse dampener is ideal for applications where minimizing the total system volume is critical. Stainless steel and PEEK options for a wide range of applications.

Description	qty.	cat.#
MiniPulse Pulse Dampener, Stainless Steel	ea.	25238
MiniPulse Pulse Dampener, PEEK	ea.	25239

Solvent Debubbler

Bubbles in an LC system can cause check valve malfunctions and pump cavitation, seriously affecting pump performance. The debubbler removes bubbles from the fluid stream before it enters the pump.



25014

Special geometry at the base of the housing allows bubbles entrained in the inlet fluid stream to rise and be trapped in the reservoir. The gas/liquid interface is easily visible through the translucent wall of the device. Loosening the airtight cap releases the trapped gas. The debubbler features a polypropylene body and bracket; universal inlet and outlet connecting tips are made of 316 stainless steel and accept 0.063", 0.085", and 0.125" ID tubing.

Description	qty.	cat.#
Solvent Debubbler With Bracket	ea.	25014